

# Converting Colors

Hex(477650)

Have a look what the booklet for  
Hex(477650) contains.

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# Color

**Hex(477650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477650
RGB	71, 118, 80
RGB Percent	28%, 46%, 31%
CMY	0.7216, 0.5373, 0.6863
CMYK	0.40, 0.00, 0.32, 0.54
HSL	131°, 25%, 37%
HSV	131°, 40%, 46%
XYZ	10.5249, 14.8756, 9.9060
YIQ	99.6150, -15.8140, -21.7820

# Conversions

## Conversions Part 2

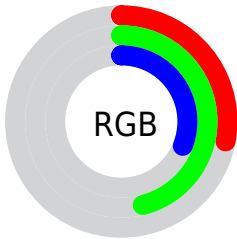
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 110, 118
Decimal	4683344
CIE <sub>Lab</sub>	45.46, -24.83, 16.02
CIE <sub>LCh</sub>	45, 29.546, 147.166
Yxy	14.8756, 0.2981, 0.4213
Android (android.graphics.Color)	4282873424 (0xFF477650)
YUV	99.6150, -9.6702, -25.0954
Hunter-Lab	38.5690, -18.7855, 11.7703

# Details

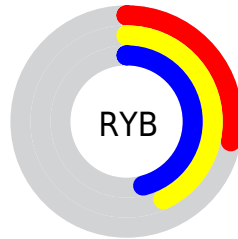
The Hex color **477650** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76476D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7AAA81**, and **164523** is the 20% darker color. If you saturate the color by 10%, you get **3B7646**, and if you desaturate by 10%, it is **53765A**.

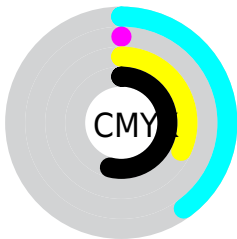
# Distribution



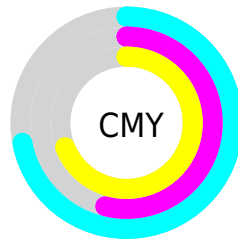
- Red (28%)
- Green (46%)
- Blue (31%)



- Red (28%)
- Yellow (43%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)



- Cyan (72%)
- Magenta (54%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477650 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 477650 by changing the saturation by 10% instead.



 477650

 477650

FFFFFF

 2F5D39

 7AAA81

 164523

 94C69C

 002E0E

 AFE2B6

 001C00

 CBFFD2

 000000

 E7FFEE

 477650

 477650

 3B7646

 53765A

 2F763D

 5F7663

 247633

 6A766D

 18762A

 767676

 0C7620

 827680

 007617

 8E7689

 9A7693

 A5769C

 B176A6

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64713F



477650



217868

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



477650



416F9D



9B5A56

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



477650



76476D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98586F



477650



6B6697

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



477650



007594



885D87



916143

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



477650



007979



885D87



9B585E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



477650



87998A



6D7647



424D44



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



477650



50995E



477667



353B36



007A17



00FA30



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76476D



99508B



764756



3B353A



7A0063



FA00CA



# Previews

## White Background



This preview shows how the Hex color 477650 looks on a white background.

## Color Contrast Check

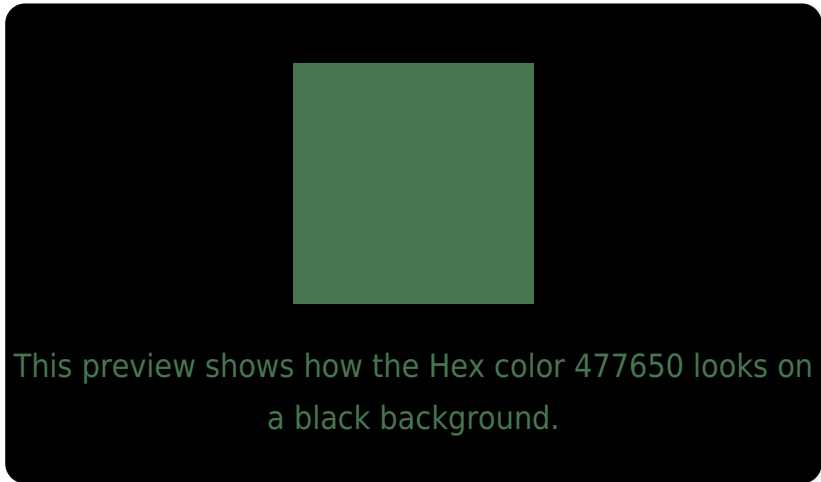
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

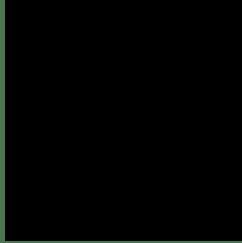
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 477650 Background



This preview shows how black text looks on a background with the Hex color 477650.



This preview shows how white text looks on a background with the Hex color 477650.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
477650

**Protanopia**  
746B4B

**Deuteranopia**  
7E6753



**Tritanopia**  
50717A

# Trichromacy



**Original Color**  
477650

**Protanomaly**  
646F4D

**Deuteranomaly**  
6A6C52

**Tritanomaly**  
4D736B

# Monochromacy



**Original Color**  
477650

**Achromatopsia**  
646464

**Achromatomaly**  
596B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477650 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #477650 looks like.

```
.text, #text, p{  
    color:#477650  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #477650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477650
}
```

## Border

The CSS property to change the border of an element to Hex 477650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

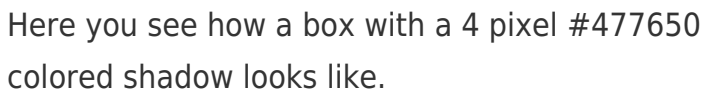
```
.border, #border, table{ border:4px solid
#477650 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#477650 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #477650 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477650; -webkit-box-shadow:4px 4px  
4px 4px #477650; box-shadow:4px 4px 4px  
4px #477650 }
```

# Background

The CSS property to change the background color of an element to Hex 477650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477650 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#477650 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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